Applications Development Scientist-00006107
Eastman Chemical Company
Akron, Ohio

Description:

Tire additives technology division is searching for an applications development scientist/engineer to join the Tire Additives Center of Excellence in Akron, Ohio. The selected candidate will have responsibility for developing additive technologies to support existing and developing major growth platforms of the Additive and Functional Products Tire Additive business. The successful applicant will be expected to translate market needs into product concepts and subsequently develop the concepts into commercial products. The position/level offered will be based on the experience and educational background of the candidate.

Responsibilities:

- Developing and optimizing materials concepts for current and novel additive technologies to improve the performance of tire compounds and applications.
- Execution of effective experimentation involving formulating, compounding, testing, and evaluations of additives for tire applications.
- Reducing tire application fitness-for-use criteria to fundamental material/chemical/polymer characteristics leading to design, preparations, and assessments of novel materials solutions.
- Demonstrate excellent problem-solving abilities, creativity, and ability to lead cross-functional technology teams.
- Identify needs and opportunities through discussion with customers, sales and marketing personnel with the ability to translate those needs into innovative product solutions.

Qualifications:

The desired candidate should possess the following qualifications:

- M.S. or Ph.D. in Polymer or Chemical Engineering, Polymer Science, Physical Chemistry, Mechanical Engineering, Materials Science and Engineering, or related discipline from an accredited college or university.
- At least 3 or more years of industrial or relevant experience in the area of rubber formulation, compounding, and testing is required.
- Experience in passenger, commercial and off road tires is considered a plus. Experience with tire formulation including tread, structural and other carcass compounds is highly desirable.
- Experience with rubber compounding, scale-up, tire building, and on-road testing is considered a strong plus.
- New product development and project/portfolio leadership experience (concept to commercialization) in chemical, polymer, materials industry especially with focus to rubber/tires is considered a plus.
- Excellent verbal/written communication and interpersonal skills are needed as the employee is expected to interact effectively with colleagues within other departments at Eastman and with customers.

Contact:

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